Contents of Volume 13

Number 1, February 1987

Alteration of immune function in mice following carcinogen exposure (IMO 00349)
R.W. Luebke, R.R. Rogers, M.M. Riddle, D.G. Rowe and R.J. Smialowicz (U.S.A.) 1

In vitro effect of ethanol on cell-mediated cytotoxicity by murine spleen cells (IMO 00354)
A.S. Walia, K.M. Pruitt, J.D. Rodgers and E.W. Lamon (U.S.A.) 11

Selective immunotoxic effects in mice treated with the adenosine deaminase inhibitor 2'-deoxycoformycin (IMO 00355)
R.W. Luebke, L.D. Lawson, R.R. Rogers, M.M. Riddle, D.G. Rowe and R.J. SMialowicz (U.S.A.) 25

Modulation of T cells by cyclic AMP in murine influenza virus infection. I. In vitro inhibition of cytotoxic T lymphocytes by exogenous cyclic AMP analogues and by agents which increase intracellular cyclic AMP concentrations (IMO 00356)
Z. Yong-He, M. Nai-Ki, L. Kok-Nam and N.H. Hunt (Australia) 37

Primary cellular target responsible for dimethylnitrosamine-induced immunosuppression in the mouse (IMO 00357)
K.W. Johnson, A.E. Munson and M.P. Holsapple (U.S.A.) 47

Inhibition of human polymorphonuclear leukocyte functions by ibuprofen (IMO 00358)
V.G. Nielsen and R.O. Webster (U.S.A.) 61

Suppression of human lymphocyte responsiveness by forskolin: reversal by 12-*O*-tetradecanoyl phorbol 13-acetate, diacylglycerol and ionomycin (IMO 00359)
B.J. Shenker and W.C. Matt (U.S.A.) 73

Announcements 87

Number 2, April 1987

Inhibitory effect of TI-31 on autoimmune nephritis in NZB/NZW F_1 mice through regulation of the immune response (IMO 00360)
K. Komoriya, I. Nagata, M. Tsuchimoto, K. Kunisawa, T. Koyama, K. Hosoda, T. Takeshita, T. Naruchi, I. Yamamoto, C. Abe and Y. Shiokawa (Japan) 89

Effects of quinolones on interleukin 1 production in vitro by human monocytes (IMO 00361)
Y. Roche, M. Fay and M.-A. Gougerot-Pocidalo (France) 99

Modulation of human conconavalin A-induced lymphocyte proliferative response by physiological concentrations of β-endorphin (IMO 00362)
L. Fontana, A. Fattorossi, R. D'Amelio, A. Migliorati and R. Perricone (Italy) 111

Effects of WEB 2086, a novel antagonist of platelet activating factor, in active and passive anaphylaxis (IMO 00363)
J. Casals-Stenzel (F.R.G.) 117

Biological properties of the antagonist SRI 63-441 in the PAF and endotoxin models of hypotension in the rat and dog (IMO 00364)
D.A. Handley, R.G. Van Valen, J.C. Tomesch, M.K. Melden, J.M. Jaffe, F.H. Ballard and R.N. Saunders (U.S.A.) 125

Immunoregulatory effects of fraction 5 thymus peptides. I. Thymosin α_1 enhances while thymosin β_4 suppresses the human autologous and allogeneic mixed lymphocyte reaction (IMO 00365)
C.N. Baxevanis, G.J. Reclos, S. Perez, D. Kokkinopoulos and M. Papamichail (Greece) 133

The effect of α-difluoromethylornithine, an inhibitor of polyamine biosynthesis, on mitogen-induced interleukin 2 production (IMO 00366)
T.L. Bowlin, B.J. McKown and P.S. Sunkara (U.S.A.) 143

Corticosteroid regulation of IL-1 production may be responsible for deficient immune suppressor function during the metamorphosis of *Xenopus laevis*, the South African clawed toad (IMO 00367)
A.B. Highet and L.N. Ruben (U.S.A.) 149

Announcement 157

Number 3, June 1987

The immunosuppressive activities of two abortifacient proteins isolated from the seeds of bitter melon (*Momordica charantia*) (IMO 00368)
S.O. Leung, H.W. Yeung and K.N. Leung (Hong Kong) 159

Effects of dextran sulphate on lymphoblast extravasation into inflammatory skin sites (IMO 00369)
A. Bellavia, I. Brusca, V. Marino, S.M. Peri, P. Di Fiore and A. Salerno (Italy) 173

T cell mitogenicity of a novel β-D-galactoside-specific lectin from the beetle, *Allomyrina dichotoma* (allo A) (IMO 00370)
S. Kimura, K. Umetsu, T. Yamashita, T. Suzuki, S. Arai and F. Sendo (Japan) 181

Effects of platelet-activating factor on electrophysiology of isolated retinas and their inhibition by BN 52021, a specific PAF-acether receptor antagonist (IMO 00371)
M. Doly, B. Bonhomme, P. Braquet, P.E. Chabrier and G. Meyniel (France) 189

Alteration of macrophage anti-tumor activity and transferrin receptor expression by exposure to dimethylnitrosamine in vivo (IMO 00372)
M.J. Myers, C.S. Dickens and L.B. Schook (U.S.A.) 195

Contents of Volume 13 207

Author index 209

Subject index 211